



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

#27/I.D.S

Inventor(s): Sampson, J.

Serial No.: 09/358,141

Examiner:

Filing Date: Schmidt, M.

Group Art Unit: 1635

Title: METHOD OF PRODUCING NUCLEIC ACID MOLECULES WITH REDUCED SECONDARY STRUCTURE

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- () under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
(X) a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$180.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

() Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

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Date of Deposit: July 1, 2003

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Respectfully submitted,

Sampson, J.

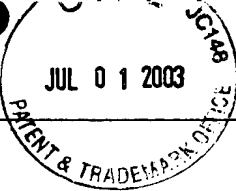
By

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Reg. No. 39,223

Date: July 1, 2003

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PATENT APPLICATION

Sheet 1 of 2 #27/I.D.S

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION & DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10990393-1

SERIAL NO.

09/358,141

APPLICANT

Sampson, J.

FILING DATE

July 20, 1999

GROUP

1635

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	McMinn, et al., "Efforts toward Expansion of the Genetic Alphabet: DNA Polymerase Recognition of a Highly Stable, Self-Pairing Hydrophobic Base", J. Am. Chem. Soc., 121:11585-11586, 1999.
	H-K Nguyen et al., "Modification of DNA duplexes to smooth their thermal stability independently on their base content for DNA sequencing by hybridization" Nucleic Acids Res., 25:3059-3065, 1997.
	Ohtsuki, et al., "Unnatural base pairs for specific transcription", PNAS, 98:4922-4925, 2001.

EXAMINER

DATE CONSIDERED

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Wu, Y., et al., "Efforts toward Expansion of the Genetic Alphabet: Optimization of Interbase Hydrophobic Interactions", J. American Chemical Society, 122:7621-7632, 2000.
	M. Zaccolo et al., "An Approach to Random Mutagenesis of DNA Using Mixtures of Triphosphate Derivatives of Nucleoside Analogues" J. Mol. Biol. 255:589-603, 1996.
EXAMINER	DATE CONSIDERED

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